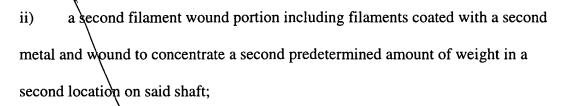
What is claimed is:

- 1. A composite golf club shaft formed from a body having multiple fiber reinforced graphite plies, comprising:
 - a) a core formed of one or more filament wound or sheet-rolled fiber reinforced graphite plies;
 - b) at least one sheet-rolled fiber reinforced ply rolled around said core;
 - c) an outer layer formed around said sheet-rolled ply around said core including at least one filament wound ply having metal-coated fibers.
- 2. The composite golf club shaft of claim 1 wherein said metal-coated fibers in said at least one filament wound ply in said outer layer are coated with a metal chosen from the group consisting of: nickel, titanium, platinum, zinc, copper, brass, tungsten, cobalt, gold and silver.
- 3. The composite golf club shaft of claim 2 wherein said metal-coated fibers in said at least one filament wound ply in said outer layer are coated with nickel.
- 4. The composite golf club shaft of claim 2 wherein said metal-coated fibers in said at least one filament wound ply in said outer layer are coated with copper.
- 5. The composite golf club shaft of claim 2 wherein said core is formed of non-metal-coated fiber plies.

- 6. The composite golf club shaft of claim 5 wherein said at least one sheet-rolled ply rolled around said core is formed of non-metal-coated fibers.
- 7. The composite golf club shaft of claim 6 wherein said at least one metal-coated filament wound ply in said outer layer has a metal content between about ten percent and about sixty percent by weight.
- 8. The composite golf club shaft of claim 7 wherein said at least one metal-coated filament wound ply in said outer layer has a metal content between about twenty percent and about twenty-six percent by weight.
- 9. The composite golf club shaft of claim 8 wherein said at least one metal-coated filament wound ply in said outer layer is wound at an angle between about five degrees and about twenty-five degrees from the longitudinal axis of the body.
- 10. A composite golf club shaft formed from a body having multiple fiber reinforced graphite plies, comprising:
 - a) a core formed of one or more filament wound or sheet-rolled fiber reinforced plies; and
 - b) an outer layer formed around said core including at least one filament wound ply having metal-coated fibers;
 - c) wherein said at least one filament wound ply with metal-coated fibers is wound to uniformly add a predetermined amount of weight to said shaft.

- 11. The golf club shaft of claim 10 wherein said metal is chosen from the group consisting of: nickel, titanium, platinum, zinc, copper, brass, tungsten, cobalt, gold and silver.
- 12. The golf club shaft of claim 11 wherein at least one ply in said core includes metal coated fibers.
- 13. The golf club shaft of claim 12 wherein said at least one metal-coated filament wound ply in said outer layer is wound in a diamond pattern.
- 14. The golf club shaft of claim 1) wherein said metal is vapor deposited on said fiber.
- 15. The golf club shaft of claim 11 wherein said metal is plated onto said fiber.
- 16. The golf club shaft of claim 11 wherein said metal is nickel.
- 17. The golf club shaft of claim 11-wherein said metal is copper.
- 18. A composite golf club shaft having a grip portion and a hosel portion and formed from multiple fiber reinforced graphite plies, comprising:
 - a) a core formed of one or more filament wound or sheet-wrapped fiber plies; and,

- b) an outer layer formed around said core including at least one metal-coated filament wound ply;
- c) wherein said at least one metal-coated filament wound ply in said outer layer is wound to non-uniformly concentrate a predetermined amount of weight in a predetermined location on said shaft.
- 19. The golf club shart of claim 18 wherein said metal is chosen from the group consisting of: nickel, titanium, platinum, zinc, copper, brass, tungsten, cobalt, gold and silver.
- 20. The golf club shaft of claim 19 wherein said predetermined amount of weight is concentrated in the grip portion of said shaft.
- 21. The golf club shaft of claim 19 wherein said predetermined amount of weight is concentrated in the hosel portion of said shaft.
- 22. A composite golf club shaft having a grip portion and a hosel-portion and formed from multiple fiber reinforced graphite plies comprising:
 - a) a core formed of one or more filament wound or sheet-wrapped fiber plies; and,
 - b) an outer layer around said core, said outer layer including
 - a first filament wound portion including filaments coated with a first metal and wound to concentrate a first predetermined amount of weight in a first location on said shaft; and,



- c) wherein said first metal is different from said second metal.
- 23. The golf club shaft of claim 22 wherein said first and second metals are chosen from the group consisting of: nickel, titanium, platinum, zinc, copper, brass, tungsten, cobalt, gold and silver.
- 24. The golf club shaft of claim 23 wherein said first metal is nickel.
- 25. The golf club shaft of claim 24 wherein said second metal is copper.
- 26. The golf club shaft of claim 25 wherein said first location is said grip portion.
- 27. The golf club shaft of claim 26 wherein said second location is said hosel portion.

add a 2 >

/